# 1987 West Coast Troll Log Program

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## Canadian Data Report of Fisheries and Aquatic Sciences

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Le titre exact paraît au haut du résumé de chaque rapport.

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## ABSTRACT

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In 1987 the Biological Sciences Branch, Pacific Biological Station, continued the study of the commercial salmon troll fishery with the fourth year of a Troll Log Program on the West Coast of British Columbia and in the Strait of Georgia. The number of vessels participating was increased to 111 and the program dealt with a single objective;

> To provide Catch Per Unit Effort (CPUE) of troll-caught salmon in different statistical areas, expressed as Fish per Hour.

Comparisons are made of catch, CPUE, and time fished between 1987 and other years.

## RESUME

Carter, E. W. and F. P. Jordan. 1988. 1987 West Coast Troll Log Program. Can. Data Rep. Fish. Aquat. Sci. 698: 39 p.

En 1987, le personnel de la Direction des sciences biologiques de la Station de biologie du Pacifique a complété la quatrième année d'étude de la pêche commerciale du saumon aux lignes traînantes dans le cadre du »Troll Log Program» sur la côte ouest de la Colombie-Britannique et dans le détroit de Géorgie. Le nombre de bateaux participants est passé à 111 et le programme n'a visé qu'un seul but, soit la cueillette de données sur les prises de saumon par unité d'effort (PUE) de pêche aux lignes traînantes dans différents secteurs statistiques, données exprimées en nombre de poissons par heure.

On compare les données sur les prises, les PUE et les heures de pêche obtenues en 1987 à celles recueillies au cours des autres années du programme.

# INTRODUCTION

In 1987 the Troll Log Program involved 86 trollers from the West coast of British Columbia ("Outside") and 25 trollers from the Strait of Georgia ("Inside"), for a total of 111 vessels. The strap-tagging of adipose-clipped salmon was discontinued, therefore the 1987 program had one objective;

To provide Catch Per Unit Effort (CPUE) of troll-caught salmon in different statistical areas.

To achieve this objective, fishermen were requested to record the following details on their daily log sheets (Fig. 1).

1. Location fished (by map location or two Loran coordinates).
2. Number of hours fished (actual time with lines in the water).
3. Number of salmon caught (by species).

For this information the fishermen were paid $5.00 for each fishing day recorded. Log sheets were mailed to the Pacific Biological Station in prepaid envelopes either weekly or at the end of each fishing trip.

As in the past, an effort was made in the selection of boats to spread the fishing coverage along the entire coast of British Columbia to include all statistical areas. It is not, however, an accurate reflection of the actual fishing effort of the entire fishing fleet.

Statistical areas of similar catch rates were grouped into main regions as follows (Fig. 2):

| Statistical Area | Region |
|---|---|
| 1 - 5 | North Coast |
| 6 - 12 | Central Coast |
| 21 - 24 | Southwest Vancouver I. |
| 25 - 27 | Northwest Vancouver I. |
| 13 - 16 | North Strait of Georgia |
| 17 - 19 & 29 | South Strait of Georgia |

## FISHING DAYS

### North Coast and Central Coast

Open July 1 - Sept. 8

Available fishing days: 70

Non-retention of chinook after Aug. 30.

### Southwest and Northwest Vancouver Island

Open July 1 - Aug. 23

Available fishing days: 54

Non-retention of chinook after Aug. 16.

### North and South Strait of Georgia

Open July 1 - Sept. 30

Available fishing days: 92

In 1987 the minimum size limit for chinook was raised to 67 cm fork length on the "Outside" (Statistical Areas 1-12, 21-27). The minimum size limit for chinook on the "Inside" (Statistical Areas 13-19 & 29) remained at 62 cm fork length.

## CATCH PER UNIT EFFORT

Catch Per Unit Effort (CPUE) data are summarized by species for individual statistical areas (Table 1) and for grouped areas (Table 2).

Despite an increase in the minimum size limit of chinook, the quota was reached by August 16 on the West coast and by August 30 in the North and Central areas with non-retention of chinook thereafter until the fishing season closed. Both average catch (Table 3) and CPUE (Table 4; Fig. 3) were higher on the Outside in 1987 than in 1985 and 1986 (Jordan and Carter 1986, 1987). The average catch of chinook on the Outside was 468 and the high was 1212 pieces. The highest catch rate was in Area 23 at 1.9 fish per hour for the season. It should be noted that chinook in this area are younger (64% three-year olds) and therefore smaller (mean length of 66.5 cm) than in the northern areas (Jordan and Carter 1987). Catch and CPUE on the Inside were both lower in 1987 than in the previous two years and catch averaged 217 with a high of 722 pieces.

Coho catches were lower in 1987 than in 1986 and the quota was reached by August 23 off the West coast of Vancouver Island and by September 8 in the North and Central coasts. As with chinook, the highest catch rate for coho was in Area 23 with 12.2 fish per hour, but these fish also tended to be smaller. The average catch on the Outside was 2011 fish and the maximum was 8463. On the Inside, the average catch was 1524 with a maximum of 3895 coho.

Comparisons of average catch and effort between years are made in Table 5 for the Outside, in Table 6 for the Inside, and comparisons of CPUE are shown in Figure 4. Table 7 gives a breakdown of the number of hours fished in each statistical area by troll log fishermen. Table 8 shows the catch by troll log fishermen as a percentage of the total troll landings. For example, in 1987 troll log fishermen caught 11.16 percent of the total troll landings in areas 6-12.

## DRIFT NET PROGRAM

For a number of years the countries of Taiwan, Korea, and Japan have been conducting an extensive high seas gill net fishery for squid and immature salmon.

General concern was expressed that "lost" or "discarded" gill nets from this type of fishing could pose problems to North American fish stocks by "ghost fishing", entangling marine mammals and birds, and causing possible navigational hazards to vessels.

As part of an ongoing study to monitor the incidence of lost and discarded high seas gill nets found in Canadian waters, troll log fishermen were again asked to report any sightings and to send samples of nets to assist in determining the origin of these nets.

The number of sightings from all sources increased to 24 in 1987 from 15 in 1986. Once again the greatest number of these sightings occurred on the Queen Charlotte Islands and in surrounding waters. Included in this year's reports were two incidents of nets entangling the propellers and temporarily incapacitating vessels.

## ACKNOWLEDGMENTS

The authors wish to thank the following fishermen who participated in the program and made it possible:

"WESTCOAST"

| Vessel | Fisherman |
|---|---|
| AKKO CHAN | JOSE ALEMANY |
| BALTIC SPIRIT | STANLEY SAWEL |
| B.C. BELLE | BRUCE WATSON |
| BETTY M II | WILLIAM HAWTHORNTHWAITE |
| CANADIAN LADY | NORMAND BETTIS |
| CHARIOT | KENNETH CAMPBELL |
| CHIEF WAMISH | GERRY BURKHOLDER |
| CHRISTINA B | LAWRENCE HAINES |
| CHRISTINE B | BURT MCCARTHY |
| COURAGEOUS | GARY LIIMATTA |
| COWICHAN | GORDON BROOKS |
| CROWN | WILLIAM MCCLEOD |
| DARLENDA | STEPHEN WINPENNY |
| DEANA MAR II | TOM HOPKINS |
| EARL ROY | ROBERT DUNN |
| EARLY SPRING NO. 1 | DONALD BREEDEN |
| EBIE | WILLIAM FRANCE |
| EDNA F | DONALD ASHBEE |
| EQUINOX | MICHAEL LEMON |
| EROS | GEORGE GREER |
| EVENING BREEZE | PENTI KIISKILA |
| FANNY BAY II | ROBERT TRAVERS |
| FLAMINGO | ROBERT GLOVER |
| FURY BAY | JOHN DISNEY |
| GEORGIANA | JACK PLACE |
| GLADIATOR | ERIC ANTILLA |
| GLADYS U | RAY UBELL |

| Vessel | Fisherman |
|---|---|
| HARDY MAID | MICHAEL MORRIS |
| HELLS BELLS | THOMAS DORSETT |
| HELMS DEEP | ROBERT ALFORD |
| HIGH STAR | WILLIAM PLACE |
| HOPE ISLAND | ABE VANDERHORST |
| ISLAND VENTURE | VINCE FANTILLO |
| JABBERWOCK | JOHN BOYTE |
| JOHNNY CANUCK | JOE KORSA |
| JR II | WALTER JOHNSON |
| KARM | CHRISTOPHER EARL |
| LOFOTEN II | WALTER SIMPSON |
| LORI II | ROBERT THOMPKINS |
| MAILE II | TOM IKEDA |
| MARCH GIRL | WAYNE SJOSTROM |
| MARDIVAL | JOSEPH CADDY |
| MERILDA II | WILLY DUNAN |
| MISS HARRIET | DON BOOL |
| MONDAYS CHILD | MIKE MURPHY |
| NASPARTI | ROGER MILLER |
| NEO | GREG GOWER |
| NETANNEYS | BRIAN FORBES |
| NIGEI ISLE | RICHARD JORDAN |
| NORNA II | GARY MCCULLOCH |
| NORTH ISLAND STAR | TOM RUSSEL |
| NORTHERN STAR | DAVE HARDIE |
| NORZONE | BRUCE EVANS |
| NOW THEN | KARL LILGERT |
| OCEAN RAE | LARRY MAXWELL |
| OCEAN TROLLER | THOMAS EARL |
| OCEAN VOYAGER | JOHN WILLSON |
| PACIFIC INVADER | DAVE SMITH |
| PACIFIC KING | BRUCE ROBERTS |
| PAGAN ISLE | ARTHUR CHESHIRE |
| PRINCE OF DENMARK | RICHARD ROUSSIN |
| QUEST NO. 2 | JOHN NICHOLSON |
| QUICKSILVER | RICK BEST |

| Vessel | Fisherman |
|---|---|
| RAMU | JAMES MORRIS |
| RAVEN SPIRIT | KEN MONROE |
| REGAL VENTURE | UDO BILLING |
| ROCELIA B | ALBERT COOTES |
| ROSAN | GLENN MORRIS |
| SEA-ESTA IV | ROBERT PINEO |
| SEABEAM | DICK WILLIAMS |
| SEASTAR III | BRENT KORSA |
| SEPTEMBER ISLE | ROBERT MARTIN |
| SHAR-BON | ROBERT NAGGE |
| SILVER TIDE | RAY SORHEIM |
| SONGA | ERIK BINGS |
| SONORA II | JOSEPH GARCIA |
| STRANGER III | THOMAS RUSSEL |
| SURF I | JACK BILLY |
| SWEET CHANGES | ROBERT EDWARDS |
| THERESA N | BEN NOOKEMIS |
| VIKING PRINCESS | RON WILSON |
| WESCO | DAVE WILLIAMS |
| WEST FORELAND | PATRICK FORREST |
| WILDEB | ROBERT VIERECK |
| WYVERN | WILLIAM SHEMMING |
| ZAYAS | TEUNIS WESTBROOK |

## "STRAIT OF GEORGIA"

| Vessel | Fisherman |
|---|---|
| BECKY JO | JIM RAMESBOTTOM |
| BLUE MISTRESS | JOHN HAWKINS |
| CAROLYN | STAN GAMBLE |
| C-WITCH | DARYL GIEBELHAUS |

| Vessel | Fisherman |
|---|---|
| DIVIDEND | JOHN UPTON |
| DREAM WEAVER | LORNE THAMES |
| ELVERA II | ROSS WEBB |
| FURY | OSCAR VAES |
| ISLANDER | WALTER OUELLETTE |
| JEHU III | AL GOLEM |
| JODY SUE | RON PARKE |
| LIBERTY BELL | HELMUT BOSE |
| LITTLE STORMER | PETER WILSON |
| LUCKY LADY IV | NEIL GUSTAFSON |
| NANAIMO CHIEF | ROBERT CHAMBERS |
| OFFSHORE I | DON HELLER |
| PROSPER | CHARLIE HARRIS |
| RICHMOND STAR | PETER KLAUI |
| ROCK N ROLL II | CHARLES HARRIS |
| ROSA MAY | JIM NEWMAN |
| SEVENTY FIVE | RON LINDFORS |
| SILVER STAR NO. 1 | TED EDWARDS |
| STRAIT LIFE | BOB VEZINA |
| SUNBURY 2 | DANIEL MATOSSI |
| SYLVIA J | ANGUS CROCKER |

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Jordan, F. P. and E. W. Carter. 1986. 1985 West Coast Troll Log Program. Can. Data Rep. Fish. Aquat. Sci. 587: 45 p.

Jordan, F. P. and E. W. Carter. 1987. 1986 West Coast Troll Log Program. Can. Data Rep. Fish. Aquat. Sci. 653: 69 p.

Table 1. 1987 West Coast Troll Log Program. Summary of Catch Per Unit Effort by Week in Areas 1-12, 21-27.

| AREA 1 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 976.00 | 490 | 0.50 | 4535 | 4.65 | 324 | 0.33 | 8877 | 9.10 | 68 | 0.07 |
| JULY 5-11 | 2394.00 | 691 | 0.29 | 5279 | 2.21 | 962 | 0.40 | 36436 | 15.22 | 400 | 0.17 |
| JULY 12-18 | 1844.00 | 454 | 0.25 | 3084 | 1.67 | 586 | 0.32 | 24670 | 13.38 | 281 | 0.15 |
| JULY 19-25 | 1305.50 | 457 | 0.35 | 3501 | 2.68 | 276 | 0.21 | 15548 | 11.91 | 158 | 0.12 |
| JULY 26-AUG 1 | 1507.00 | 793 | 0.53 | 1460 | 0.97 | 399 | 0.26 | 21031 | 13.96 | 154 | 0.10 |
| AUG 2- 8 | 799.00 | 721 | 0.90 | 1018 | 1.27 | 37 | 0.05 | 3801 | 4.76 | 47 | 0.06 |
| AUG 9-15 | 932.00 | 1041 | 1.12 | 708 | 0.76 | 25 | 0.03 | 1197 | 1.28 | 26 | 0.03 |
| AUG 16-22 | 1009.50 | 1083 | 1.07 | 958 | 0.95 | 69 | 0.07 | 3942 | 3.90 | 197 | 0.20 |
| AUG 23-29 | 567.50 | 210 | 0.37 | 411 | 0.72 | 44 | 0.08 | 3871 | 6.82 | 168 | 0.30 |
| AUG 30-SEPT 5 | 109.00 | 9 | 0.08 | 200 | 1.83 | 0 | 0.00 | 377 | 3.46 | 45 | 0.41 |
| SEPT 6-12 | 70.00 | 0 | 0.00 | 95 | 1.36 | 0 | 0.00 | 68 | 0.97 | 10 | 0.14 |
| TOTAL | 11513.50 | 5949 | | 21249 | | 2722 | | 119818 | | 1554 | |

| AREA 2E | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 255.00 | 111 | 0.44 | 2151 | 8.44 | 6 | 0.02 | 52 | 0.20 | 3 | 0.01 |
| JULY 5-11 | 255.00 | 300 | 1.18 | 1678 | 6.58 | 0 | 0.00 | 21 | 0.08 | 2 | 0.01 |
| JULY 12-18 | 239.00 | 120 | 0.50 | 1740 | 7.28 | 1 | 0.00 | 91 | 0.38 | 1 | 0.00 |
| JULY 19-25 | 564.50 | 521 | 0.92 | 4127 | 7.31 | 8 | 0.01 | 495 | 0.88 | 3 | 0.01 |
| JULY 26-AUG 1 | 461.50 | 519 | 1.12 | 2483 | 5.38 | 16 | 0.03 | 1581 | 3.43 | 0 | 0.00 |
| AUG 2- 8 | 152.50 | 20 | 0.13 | 851 | 5.58 | 13 | 0.09 | 575 | 3.77 | 1 | 0.01 |
| AUG 9-15 | 149.00 | 46 | 0.31 | 1012 | 6.79 | 8 | 0.05 | 310 | 2.08 | 10 | 0.07 |
| AUG 16-22 | 311.00 | 217 | 0.70 | 1190 | 3.83 | 0 | 0.00 | 8 | 0.03 | 2 | 0.01 |
| AUG 23-29 | 541.00 | 283 | 0.52 | 1695 | 3.13 | 0 | 0.00 | 3 | 0.01 | 1 | 0.00 |
| AUG 30-SEPT 5 | 166.00 | 0 | 0.00 | 281 | 1.69 | 0 | 0.00 | 1 | 0.01 | 1 | 0.01 |
| SEPT 6-12 | 43.00 | 0 | 0.00 | 142 | 3.30 | 0 | 0.00 | 0 | 0.00 | 1 | 0.02 |
| TOTAL | 3137.50 | 2137 | | 17350 | | 52 | | 3137 | | 25 | |

Table 1 (cont'd) 1987 West Coast Troll Log Program. Summary of Catch Per Unit Effort by Week in Areas 1-12, 21-27.

| AREA 2W | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER :HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 191.00 | 517 | 2.71 | 345 | 1.81 | 3 | 0.02 | 194 | 1.02 | 1 | 0.01 |
| JULY 5-11 | 199.50 | 306 | 1.53 | 284 | 1.42 | 3 | 0.02 | 258 | 1.29 | 3 | 0.02 |
| JULY 12-18 | 237.50 | 97 | 0.41 | 404 | 1.70 | 18 | 0.08 | 5023 | 21.15 | 165 | 0.69 |
| JULY 19-25 | 519.00 | 210 | 0.40 | 636 | 1.23 | 98 | 0.19 | 9640 | 18.57 | 963 | 1.86 |
| JULY 26-AUG 1 | 424.50 | 207 | 0.49 | 268 | 0.63 | 677 | 1.59 | 6991 | 16.47 | 223 | 0.53 |
| AUG 2- 8 | 889.50 | 583 | 0.66 | 189 | 0.21 | 1854 | 2.08 | 15966 | 17.95 | 729 | 0.82 |
| AUG 9-15 | 408.00 | 406 | 1.00 | 388 | 0.95 | 427 | 1.05 | 3271 | 8.02 | 486 | 1.19 |
| AUG 16-22 | 230.50 | 334 | 1.45 | 84 | 0.36 | 321 | 1.39 | 3493 | 15.15 | 106 | 0.46 |
| TOTAL | 3099.50 | 2660 | | 2598 | | 3401 | | 44836 | | 2676 | |

| AREA 3 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 11.50 | 0 | 0.00 | 7 | 0.61 | 0 | 0.00 | 1 | 0.09 | 0 | 0.00 |
| JULY 12-18 | 16.50 | 2 | 0.12 | 16 | 0.97 | 13 | 0.79 | 107 | 6.48 | 1 | 0.06 |
| JULY 19-25 | 213.00 | 22 | 0.10 | 322 | 1.51 | 176 | 0.83 | 4596 | 21.58 | 65 | 0.31 |
| JULY 26-AUG 1 | 128.00 | 6 | 0.05 | 152 | 1.19 | 110 | 0.86 | 3399 | 26.55 | 43 | 0.34 |
| AUG 2- 8 | 190.00 | 11 | 0.06 | 169 | 0.89 | 96 | 0.51 | 3370 | 17.74 | 87 | 0.46 |
| AUG 9-15 | 39.00 | 9 | 0.23 | 60 | 1.54 | 6 | 0.15 | 290 | 7.44 | 14 | 0.36 |
| AUG 16-22 | 6.00 | 0 | 0.00 | 3 | 0.50 | 0 | 0.00 | 1 | 0.17 | 0 | 0.00 |
| AUG 23-29 | 67.00 | 11 | 0.16 | 23 | 0.34 | 0 | 0.00 | 6 | 0.09 | 2 | 0.03 |
| AUG 30-SEPT 5 | 6.00 | 0 | 0.00 | 3 | 0.50 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| TOTAL | 677.00 | 61 | | 755 | | 401 | | 11770 | | 212 | |

Table 1 (cont'd) 1987 West Coast Troll Log Program. Summary of Catch Per Unit Effort by Week in Areas 1-12, 21-27.

| AREA 4 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 29.00 | 18 | 0.62 | 16 | 0.55 | 1 | 0.03 | 16 | 0.55 | 0 | 0.00 |
| JULY 19-25 | 43.00 | 3 | 0.07 | 86 | 2.00 | 14 | 0.33 | 582 | 13.53 | 11 | 0.26 |
| JULY 26-AUG 1 | 184.00 | 108 | 0.59 | 796 | 4.33 | 13 | 0.07 | 460 | 2.50 | 5 | 0.03 |
| AUG 2- 8 | 110.00 | 7 | 0.06 | 74 | 0.67 | 23 | 0.21 | 554 | 5.04 | 23 | 0.21 |
| AUG 9-15 | 52.00 | 15 | 0.29 | 29 | 0.56 | 9 | 0.17 | 143 | 2.75 | 6 | 0.12 |
| AUG 16-22 | 111.50 | 83 | 0.74 | 184 | 1.65 | 1 | 0.01 | 10 | 0.09 | 2 | 0.02 |
| AUG 23-29 | 17.00 | 0 | 0.00 | 4 | 0.24 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| AUG 30-SEPT 5 | 12.00 | 0 | 0.00 | 2 | 0.17 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| TOTAL | 558.50 | 234 | | 1191 | | 61 | | 1765 | | 47 | |

| AREA 5 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 49.50 | 40 | 0.81 | 53 | 1.07 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 5-11 | 23.00 | 30 | 1.30 | 27 | 1.17 | 0 | 0.00 | 8 | 0.35 | 0 | 0.00 |
| JULY 19-25 | 14.50 | 14 | 0.97 | 11 | 0.76 | 0 | 0.00 | 3 | 0.21 | 0 | 0.00 |
| AUG 2- 8 | 5.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.20 | 0 | 0.00 |
| AUG 16-22 | 59.00 | 30 | 0.51 | 63 | 1.07 | 0 | 0.00 | 2 | 0.03 | 1 | 0.02 |
| AUG 23-29 | 15.00 | 0 | 0.00 | 6 | 0.40 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 6-12 | 4.00 | 0 | 0.00 | 4 | 1.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| TOTAL | 170.00 | 114 | | 164 | | 0 | | 14 | | 1 | |

Table 1 (cont'd) 1987 West Coast Troll Log Program. Summary of Catch Per Unit Effort by Week in Areas 1-12, 21-27.

| AREA 6 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 152.00 | 236 | 1.55 | 182 | 1.20 | 1 | 0.01 | 85 | 0.56 | 0 | 0.00 |
| JULY 5-11 | 171.00 | 170 | 0.99 | 151 | 0.88 | 0 | 0.00 | 167 | 0.98 | 0 | 0.00 |
| JULY 12-18 | 243.50 | 191 | 0.78 | 478 | 1.96 | 0 | 0.00 | 190 | 0.78 | 0 | 0.00 |
| JULY 19-25 | 141.50 | 133 | 0.94 | 245 | 1.73 | 176 | 1.24 | 290 | 2.05 | 8 | 0.06 |
| JULY 26-AUG 1 | 208.50 | 173 | 0.83 | 295 | 1.41 | 2 | 0.01 | 137 | 0.66 | 0 | 0.00 |
| AUG 2- 8 | 12.00 | 2 | 0.17 | 12 | 1.00 | 1 | 0.08 | 2 | 0.17 | 0 | 0.00 |
| AUG 9-15 | 91.50 | 45 | 0.49 | 135 | 1.48 | 1 | 0.01 | 25 | 0.27 | 0 | 0.00 |
| AUG 16-22 | 203.00 | 88 | 0.43 | 519 | 2.56 | 1 | 0.00 | 50 | 0.25 | 3 | 0.01 |
| AUG 23-29 | 29.00 | 4 | 0.14 | 4 | 0.14 | 0 | 0.00 | 0 | 0.00 | 1 | 0.03 |
| AUG 30-SEPT 5 | 3.00 | 0 | 0.00 | 1 | 0.33 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| TOTAL | 1255.00 | 1042 | | 2022 | | 182 | | 946 | | 12 | |

| AREA 7 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 78.50 | 32 | 0.41 | 24 | 0.31 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 5-11 | 74.00 | 16 | 0.22 | 25 | 0.34 | 3 | 0.04 | 15 | 0.20 | 1 | 0.01 |
| JULY 12-18 | 94.00 | 53 | 0.56 | 266 | 2.83 | 0 | 0.00 | 65 | 0.69 | 76 | 0.81 |
| JULY 19-25 | 83.50 | 32 | 0.38 | 122 | 1.46 | 4 | 0.05 | 184 | 2.20 | 38 | 0.46 |
| JULY 26-AUG 1 | 112.50 | 67 | 0.60 | 163 | 1.45 | 7 | 0.06 | 16 | 0.14 | 0 | 0.00 |
| AUG 2- 8 | 118.00 | 77 | 0.65 | 175 | 1.48 | 5 | 0.04 | 56 | 0.47 | 7 | 0.06 |
| AUG 9-15 | 100.00 | 58 | 0.58 | 149 | 1.49 | 0 | 0.00 | 33 | 0.33 | 2 | 0.02 |
| AUG 16-22 | 94.50 | 38 | 0.40 | 57 | 0.60 | 0 | 0.00 | 10 | 0.11 | 1 | 0.01 |
| AUG 23-29 | 62.00 | 33 | 0.53 | 29 | 0.47 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| TOTAL | 817.00 | 406 | | 1010 | | 19 | | 379 | | 125 | |

Table 1 (cont'd) 1987 West Coast Troll Log Program. Summary of Catch Per Unit Effort by Week in Areas 1-12, 21-27.

| AREA 8 | HOURS FISHED | CHINOOK KEPT NO. | CHINOOK KEPT PER HOUR | COHO KEPT NO. | COHO KEPT PER HOUR | SOCKEYE KEPT NO. | SOCKEYE KEPT PER HOUR | PINK KEPT NO. | PINK KEPT PER HOUR | CHUM KEPT NO. | CHUM KEPT PER HOUR |
|---|---|---|---|---|---|---|---|---|---|---|---|
| JUNE 28-JULY 4 | 3.50 | 1 | 0.29 | 1 | 0.29 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 26-AUG 1 | 12.00 | 0 | 0.00 | 7 | 0.58 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| AUG 16-22 | 12.00 | 16 | 1.33 | 5 | 0.42 | 0 | 0.00 | 4 | 0.33 | 0 | 0.00 |
| AUG 23-29 | 52.00 | 21 | 0.40 | 18 | 0.35 | 0 | 0.00 | 4 | 0.08 | 0 | 0.00 |
| AUG 30-SEPT 5 | 14.00 | 0 | 0.00 | 2 | 0.14 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| TOTAL | 93.50 | 38 | | 33 | | 0 | | 8 | | 0 | |

| AREA 9 | HOURS FISHED | CHINOOK KEPT NO. | CHINOOK KEPT PER HOUR | COHO KEPT NO. | COHO KEPT PER HOUR | SOCKEYE KEPT NO. | SOCKEYE KEPT PER HOUR | PINK KEPT NO. | PINK KEPT PER HOUR | CHUM KEPT NO. | CHUM KEPT PER HOUR |
|---|---|---|---|---|---|---|---|---|---|---|---|
| JULY 12-18 | 5.00 | 2 | 0.40 | 8 | 1.60 | 16 | 3.20 | 0 | 0.00 | 5 | 1.00 |
| JULY 26-AUG 1 | 32.00 | 0 | 0.00 | 17 | 0.53 | 97 | 3.03 | 90 | 2.81 | 0 | 0.00 |
| AUG 2- 8 | 16.00 | 0 | 0.00 | 1 | 0.06 | 53 | 3.31 | 127 | 7.94 | 0 | 0.00 |
| AUG 23-29 | 14.00 | 8 | 0.57 | 3 | 0.21 | 0 | 0.00 | 0 | 0.00 | 1 | 0.07 |
| TOTAL | 67.00 | 10 | | 29 | | 166 | | 217 | | 6 | |

Table 1 (cont'd) 1987 West Coast Troll Log Program. Summary of Catch Per Unit Effort by Week in Areas 1-12, 21-27.

| AREA 10 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 92.50 | 126 | 1.36 | 65 | 0.70 | 0 | 0.00 | 0 | 0.00 | 2 | 0.02 |
| JULY 5-11 | 59.00 | 40 | 0.68 | 26 | 0.44 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 19-25 | 28.00 | 10 | 0.36 | 28 | 1.00 | 365 | 13.04 | 88 | 3.14 | 1 | 0.04 |
| JULY 26-AUG 1 | 120.00 | 14 | 0.12 | 102 | 0.85 | 1340 | 11.17 | 718 | 5.98 | 8 | 0.07 |
| AUG 2- 8 | 31.00 | 3 | 0.10 | 27 | 0.87 | 71 | 2.29 | 84 | 2.71 | 3 | 0.10 |
| AUG 16-22 | 7.00 | 3 | 0.43 | 5 | 0.71 | 0 | 0.00 | 6 | 0.86 | 1 | 0.14 |
| AUG 23-29 | 21.00 | 8 | 0.38 | 22 | 1.05 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| AUG 30-SEPT 5 | 53.50 | 0 | 0.00 | 27 | 0.50 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 6-12 | 8.00 | 0 | 0.00 | 1 | 0.13 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| TOTAL | 420.00 | 204 | | 303 | | 1776 | | 896 | | 15 | |

| AREA 11 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 633.00 | 1096 | 1.73 | 2653 | 4.19 | 0 | 0.00 | 0 | 0.00 | 15 | 0.02 |
| JULY 5-11 | 808.00 | 883 | 1.09 | 2474 | 3.06 | 2 | 0.00 | 6 | 0.01 | 26 | 0.03 |
| JULY 12-18 | 528.00 | 797 | 1.51 | 633 | 1.20 | 0 | 0.00 | 0 | 0.00 | 12 | 0.02 |
| JULY 19-25 | 858.50 | 993 | 1.16 | 3280 | 3.82 | 0 | 0.00 | 0 | 0.00 | 53 | 0.06 |
| JULY 26-AUG 1 | 553.00 | 395 | 0.71 | 1627 | 2.94 | 0 | 0.00 | 0 | 0.00 | 24 | 0.04 |
| AUG 2- 8 | 271.00 | 228 | 0.84 | 689 | 2.54 | 101 | 0.37 | 38 | 0.14 | 3 | 0.01 |
| AUG 9-15 | 387.00 | 68 | 0.18 | 323 | 0.83 | 970 | 2.51 | 1822 | 4.71 | 86 | 0.22 |
| AUG 16-22 | 598.50 | 177 | 0.30 | 1088 | 1.82 | 167 | 0.28 | 1863 | 3.11 | 27 | 0.05 |
| AUG 23-29 | 119.00 | 28 | 0.24 | 369 | 3.10 | 0 | 0.00 | 100 | 0.84 | 1 | 0.01 |
| TOTAL | 4756.00 | 4665 | | 13136 | | 1240 | | 3829 | | 247 | |

Table 1 (cont'd) 1987 West Coast Troll Log Program. Summary of Catch Per Unit Effort by Week in Areas 1-12, 21-27.

| AREA 12 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| AUG 2- 8 | 18.00 | 0 | 0.00 | 0 | 0.00 | 6 | 0.33 | 56 | 3.11 | 0 | 0.00 |
| AUG 9-15 | 159.00 | 1 | 0.01 | 19 | 0.12 | 420 | 2.64 | 1702 | 10.70 | 1 | 0.01 |
| AUG 16-22 | 5.00 | 0 | 0.00 | 0 | 0.00 | 6 | 1.20 | 25 | 5.00 | 0 | 0.00 |
| TOTAL | 182.00 | 1 | | 19 | | 432 | | 1783 | | 1 | |

| AREA 21 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JULY 5-11 | 86.00 | 207 | 2.41 | 963 | 11.20 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 12-18 | 75.00 | 114 | 1.52 | 892 | 11.89 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 19-25 | 98.00 | 225 | 2.30 | 1090 | 11.12 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 26-AUG 1 | 117.50 | 140 | 1.19 | 1770 | 15.06 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| AUG 2- 8 | 128.00 | 54 | 0.42 | 1429 | 11.16 | 3 | 0.02 | 165 | 1.29 | 0 | 0.00 |
| AUG 9-15 | 48.00 | 30 | 0.63 | 653 | 13.60 | 0 | 0.00 | 651 | 13.56 | 0 | 0.00 |
| AUG 16-22 | 97.00 | 0 | 0.00 | 1099 | 11.33 | 0 | 0.00 | 1397 | 14.40 | 0 | 0.00 |
| AUG 23-29 | 18.50 | 0 | 0.00 | 57 | 3.08 | 0 | 0.00 | 165 | 8.92 | 0 | 0.00 |
| TOTAL | 668.00 | 770 | | 7953 | | 3 | | 2378 | | 0 | |

Table 1 (cont'd) 1987 West Coast Troll Log Program. Summary of Catch Per Unit Effort by Week in Areas 1-12, 21-27.

| AREA 23 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 674.50 | 3085 | 4.57 | 9076 | 13.46 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 5-11 | 597.00 | 753 | 1.26 | 5039 | 8.44 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 12-18 | 383.50 | 357 | 0.93 | 2976 | 7.76 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 19-25 | 229.00 | 337 | 1.47 | 1815 | 7.93 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 26-AUG 1 | 279.00 | 188 | 0.67 | 2349 | 8.42 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| AUG 2- 8 | 344.50 | 166 | 0.48 | 3595 | 10.44 | 630 | 1.83 | 408 | 1.18 | 0 | 0.00 |
| AUG 9-15 | 551.00 | 758 | 1.38 | 10383 | 18.84 | 820 | 1.49 | 1346 | 2.44 | 0 | 0.00 |
| AUG 16-22 | 1138.00 | 74 | 0.07 | 16739 | 14.71 | 45 | 0.04 | 2895 | 2.54 | 1 | 0.00 |
| AUG 23-29 | 127.50 | 0 | 0.00 | 775 | 6.08 | 0 | 0.00 | 132 | 1.04 | 0 | 0.00 |
| TOTAL | 4324.00 | 5718 | | 52747 | | 1495 | | 4781 | | 1 | |



| AREA 24 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 669.00 | 2854 | 4.27 | 7059 | 10.55 | 2 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 5-11 | 1099.00 | 2276 | 2.07 | 4995 | 4.55 | 1 | 0.00 | 4 | 0.00 | 1 | 0.00 |
| JULY 12-18 | 446.50 | 698 | 1.56 | 876 | 1.96 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 19-25 | 837.50 | 992 | 1.18 | 3639 | 4.35 | 0 | 0.00 | 0 | 0.00 | 1 | 0.00 |
| JULY 26-AUG 1 | 715.50 | 749 | 1.05 | 3597 | 5.03 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| AUG 2- 8 | 664.00 | 414 | 0.62 | 2287 | 3.44 | 1619 | 2.44 | 1633 | 2.46 | 1 | 0.00 |
| AUG 9-15 | 932.50 | 233 | 0.25 | 1290 | 1.38 | 6907 | 7.41 | 3412 | 3.66 | 3 | 0.00 |
| AUG 16-22 | 297.50 | 16 | 0.05 | 1582 | 5.32 | 450 | 1.51 | 642 | 2.16 | 0 | 0.00 |
| AUG 23-29 | 39.00 | 0 | 0.00 | 178 | 4.56 | 0 | 0.00 | 27 | 0.69 | 0 | 0.00 |
| TOTAL | 5700.50 | 8232 | | 25503 | | 8979 | | 5718 | | 6 | |

Table 1 (cont'd) 1987 West Coast Troll Log Program. Summary of Catch Per Unit Effort by Week in Areas 1-12, 21-27.

| AREA 25 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 138.00 | 262 | 1.90 | 1248 | 9.04 | 0 | 0.00 | 0 | 0.00 | 3 | 0.02 |
| JULY 5-11 | 161.00 | 222 | 1.38 | 456 | 2.83 | 0 | 0.00 | 0 | 0.00 | 4 | 0.02 |
| JULY 12-18 | 195.50 | 225 | 1.15 | 1124 | 5.75 | 0 | 0.00 | 0 | 0.00 | 1 | 0.01 |
| JULY 19-25 | 423.50 | 314 | 0.74 | 2008 | 4.74 | 0 | 0.00 | 0 | 0.00 | 2 | 0.00 |
| JULY 26-AUG 1 | 211.00 | 119 | 0.56 | 838 | 3.97 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| AUG 2- 8 | 83.00 | 65 | 0.78 | 221 | 2.66 | 215 | 2.59 | 204 | 2.46 | 3 | 0.04 |
| AUG 9-15 | 638.00 | 185 | 0.29 | 431 | 0.68 | 6526 | 10.23 | 2949 | 4.62 | 22 | 0.03 |
| AUG 16-22 | 272.50 | 32 | 0.12 | 603 | 2.21 | 282 | 1.03 | 4330 | 15.89 | 52 | 0.19 |
| AUG 23-29 | 41.00 | 0 | 0.00 | 21 | 0.51 | 0 | 0.00 | 425 | 10.37 | 4 | 0.10 |
| TOTAL | 2163.50 | 1424 | | 6950 | | 7023 | | 7908 | | 91 | |



| AREA 26 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 130.00 | 485 | 3.73 | 419 | 3.22 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 5-11 | 172.00 | 263 | 1.53 | 805 | 4.68 | 0 | 0.00 | 0 | 0.00 | 3 | 0.02 |
| JULY 12-18 | 282.50 | 285 | 1.01 | 2274 | 8.05 | 0 | 0.00 | 0 | 0.00 | 7 | 0.02 |
| JULY 19-25 | 299.00 | 384 | 1.28 | 1769 | 5.92 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 26-AUG 1 | 296.00 | 234 | 0.79 | 1075 | 3.63 | 0 | 0.00 | 0 | 0.00 | 1 | 0.00 |
| AUG 2- 8 | 178.50 | 130 | 0.73 | 892 | 5.00 | 12 | 0.07 | 33 | 0.18 | 5 | 0.03 |
| AUG 16-22 | 3.00 | 0 | 0.00 | 1 | 0.33 | 0 | 0.00 | 6 | 2.00 | 0 | 0.00 |
| TOTAL | 1361.00 | 1781 | | 7235 | | 12 | | 39 | | 16 | |

Table 1 (cont'd) 1987 West Coast Troll Log Program. Summary of Catch Per Unit Effort by Week in Areas 1-12, 21-27.

| AREA 27 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 219.50 | 381 | 1.74 | 1166 | 5.31 | 0 | 0.00 | 0 | 0.00 | 30 | 0.14 |
| JULY 5-11 | 614.00 | 966 | 1.57 | 2308 | 3.76 | 0 | 0.00 | 0 | 0.00 | 16 | 0.03 |
| JULY 12-18 | 534.00 | 625 | 1.17 | 1334 | 2.50 | 9 | 0.02 | 46 | 0.09 | 73 | 0.14 |
| JULY 19-25 | 756.00 | 782 | 1.03 | 3217 | 4.26 | 37 | 0.05 | 150 | 0.20 | 63 | 0.08 |
| JULY 26-AUG 1 | 802.50 | 701 | 0.87 | 2435 | 3.03 | 0 | 0.00 | 0 | 0.00 | 50 | 0.06 |
| AUG 2- 8 | 629.50 | 495 | 0.79 | 824 | 1.31 | 227 | 0.36 | 487 | 0.77 | 26 | 0.04 |
| AUG 9-15 | 1080.00 | 692 | 0.64 | 1154 | 1.07 | 3178 | 2.94 | 8119 | 7.52 | 69 | 0.06 |
| AUG 16-22 | 227.00 | 130 | 0.57 | 290 | 1.28 | 93 | 0.41 | 910 | 4.01 | 30 | 0.13 |
| AUG 23-29 | 3.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 4 | 1.33 | 1 | 0.33 |
| TOTAL | 4865.50 | 4772 | | 12728 | | 3544 | | 9716 | | 358 | |
| GRAND TOTAL | 45829.00 | 40218 | | 172975 | | 31508 | | 219938 | | 5393 | |

Table 1 (cont'd) 1987 West Coast Troll Log Program. Summary of Catch Per Unit Effort by Week in Areas 13-19 & 29.

| AREA 13 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JULY 5-11 | 12.00 | 9 | 0.75 | 27 | 2.25 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| AUG 2- 8 | 78.00 | 4 | 0.05 | 6 | 0.08 | 1051 | 13.47 | 782 | 10.03 | 0 | 0.00 |
| AUG 9-15 | 142.00 | 19 | 0.13 | 54 | 0.38 | 772 | 5.44 | 2008 | 14.14 | 2 | 0.01 |
| AUG 16-22 | 113.00 | 9 | 0.08 | 40 | 0.35 | 17 | 0.15 | 1231 | 10.89 | 0 | 0.00 |
| AUG 23-29 | 187.00 | 25 | 0.13 | 21 | 0.11 | 153 | 0.82 | 3056 | 16.34 | 1 | 0.01 |
| AUG 30-SEPT 5 | 119.00 | 12 | 0.10 | 13 | 0.11 | 258 | 2.17 | 2854 | 23.98 | 0 | 0.00 |
| SEPT 6-12 | 119.50 | 72 | 0.60 | 146 | 1.22 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 13-19 | 77.00 | 66 | 0.86 | 81 | 1.05 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 20-26 | 80.50 | 23 | 0.29 | 76 | 0.94 | 0 | 0.00 | 0 | 0.00 | 5 | 0.06 |
| SEPT 27-OCT 3 | 18.00 | 4 | 0.22 | 14 | 0.78 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| TOTAL | 946.00 | 243 | | 478 | | 2251 | | 9931 | | 8 | |

| AREA 14 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 655.00 | 1071 | 1.64 | 4745 | 7.24 | 0 | 0.00 | 21 | 0.03 | 0 | 0.00 |
| JULY 5-11 | 891.50 | 650 | 0.73 | 5411 | 6.07 | 0 | 0.00 | 71 | 0.08 | 0 | 0.00 |
| JULY 12-18 | 729.00 | 383 | 0.53 | 4518 | 6.20 | 1 | 0.00 | 44 | 0.06 | 0 | 0.00 |
| JULY 19-25 | 812.50 | 255 | 0.31 | 4235 | 5.21 | 0 | 0.00 | 87 | 0.11 | 0 | 0.00 |
| JULY 26-AUG 1 | 518.00 | 172 | 0.33 | 1883 | 3.64 | 0 | 0.00 | 54 | 0.10 | 0 | 0.00 |
| AUG 2- 8 | 166.00 | 101 | 0.61 | 586 | 3.53 | 20 | 0.12 | 42 | 0.25 | 0 | 0.00 |
| AUG 9-15 | 200.00 | 150 | 0.75 | 528 | 2.64 | 132 | 0.66 | 119 | 0.60 | 0 | 0.00 |
| AUG 16-22 | 525.00 | 211 | 0.40 | 1239 | 2.36 | 0 | 0.00 | 326 | 0.62 | 0 | 0.00 |
| AUG 23-29 | 369.00 | 46 | 0.12 | 933 | 2.53 | 7 | 0.02 | 132 | 0.36 | 0 | 0.00 |
| AUG 30-SEPT 5 | 317.00 | 45 | 0.14 | 940 | 2.97 | 50 | 0.16 | 236 | 0.74 | 0 | 0.00 |
| SEPT 6-12 | 424.00 | 47 | 0.11 | 792 | 1.87 | 1 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 13-19 | 261.00 | 59 | 0.23 | 398 | 1.52 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 20-26 | 328.00 | 52 | 0.16 | 530 | 1.62 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 27-OCT 3 | 204.00 | 26 | 0.13 | 291 | 1.43 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| TOTAL | 6400.00 | 3268 | | 27029 | | 211 | | 1132 | | 0 | |

Table 1 (cont'd) 1987 West Coast Troll Log Program. Summary of Catch Per Unit Effort by Week in Areas 13-19 & 29.

| AREA 15 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 73.00 | 21 | 0.29 | 368 | 5.04 | 0 | 0.00 | 7 | 0.10 | 0 | 0.00 |
| JULY 5-11 | 170.00 | 38 | 0.22 | 1005 | 5.91 | 16 | 0.09 | 40 | 0.24 | 0 | 0.00 |
| JULY 12-18 | 106.00 | 8 | 0.08 | 433 | 4.08 | 0 | 0.00 | 4 | 0.04 | 0 | 0.00 |
| JULY 19-25 | 92.00 | 21 | 0.23 | 87 | 0.95 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 26-AUG 1 | 53.00 | 1 | 0.02 | 51 | 0.96 | 0 | 0.00 | 3 | 0.06 | 0 | 0.00 |
| AUG 9-15 | 15.00 | 16 | 1.07 | 10 | 0.67 | 0 | 0.00 | 3 | 0.20 | 0 | 0.00 |
| AUG 16-22 | 61.00 | 17 | 0.28 | 209 | 3.43 | 0 | 0.00 | 108 | 1.77 | 0 | 0.00 |
| AUG 23-29 | 96.00 | 20 | 0.21 | 148 | 1.54 | 0 | 0.00 | 48 | 0.50 | 0 | 0.00 |
| AUG 30-SEPT 5 | 84.00 | 25 | 0.30 | 116 | 1.38 | 12 | 0.14 | 139 | 1.65 | 0 | 0.00 |
| SEPT 6-12 | 61.00 | 25 | 0.41 | 59 | 0.97 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 13-19 | 63.00 | 42 | 0.67 | 43 | 0.68 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 20-26 | 70.00 | 27 | 0.39 | 26 | 0.37 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 27-OCT 3 | 17.00 | 10 | 0.59 | 5 | 0.29 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| TOTAL | 961.00 | 271 | | 2560 | | 28 | | 352 | | 0 | |

| AREA 16 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 66.50 | 22 | 0.33 | 403 | 6.06 | 0 | 0.00 | 13 | 0.20 | 0 | 0.00 |
| JULY 5-11 | 43.00 | 4 | 0.09 | 281 | 6.53 | 0 | 0.00 | 7 | 0.16 | 0 | 0.00 |
| JULY 12-18 | 23.00 | 2 | 0.09 | 135 | 5.87 | 0 | 0.00 | 1 | 0.04 | 0 | 0.00 |
| JULY 19-25 | 31.00 | 4 | 0.13 | 97 | 3.13 | 0 | 0.00 | 15 | 0.48 | 0 | 0.00 |
| JULY 26-AUG 1 | 37.00 | 1 | 0.03 | 24 | 0.65 | 233 | 6.30 | 12 | 0.32 | 0 | 0.00 |
| AUG 2- 8 | 472.50 | 12 | 0.03 | 138 | 0.29 | 2721 | 5.76 | 306 | 0.65 | 1 | 0.00 |
| AUG 9-15 | 289.00 | 25 | 0.09 | 189 | 0.65 | 640 | 2.21 | 229 | 0.79 | 0 | 0.00 |
| AUG 16-22 | 54.00 | 8 | 0.15 | 308 | 5.70 | 6 | 0.11 | 56 | 1.04 | 0 | 0.00 |
| AUG 23-29 | 64.00 | 9 | 0.14 | 156 | 2.44 | 5 | 0.08 | 80 | 1.25 | 0 | 0.00 |
| AUG 30-SEPT 5 | 185.00 | 9 | 0.05 | 33 | 0.18 | 197 | 1.06 | 549 | 2.97 | 0 | 0.00 |
| SEPT 20-26 | 10.00 | 1 | 0.10 | 12 | 1.20 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| TOTAL | 1275.00 | 97 | | 1776 | | 3802 | | 1268 | | 1 | |

Table 1 (cont'd) 1987 West Coast Troll Log Program. Summary of Catch Per Unit Effort by Week in Areas 13-19 & 29.

| AREA 17 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 58.00 | 13 | 0.22 | 144 | 2.48 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 5-11 | 152.50 | 71 | 0.47 | 590 | 3.87 | 0 | 0.00 | 1 | 0.01 | 0 | 0.00 |
| JULY 12-18 | 97.00 | 55 | 0.57 | 171 | 1.76 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 19-25 | 169.00 | 70 | 0.41 | 276 | 1.63 | 0 | 0.00 | 3 | 0.02 | 0 | 0.00 |
| JULY 26-AUG 1 | 168.00 | 84 | 0.50 | 344 | 2.05 | 0 | 0.00 | 15 | 0.09 | 0 | 0.00 |
| AUG 2- 8 | 2.00 | 0 | 0.00 | 3 | 1.50 | 1 | 0.50 | 0 | 0.00 | 0 | 0.00 |
| AUG 9-15 | 2.00 | 0 | 0.00 | 2 | 1.00 | 2 | 1.00 | 5 | 2.50 | 0 | 0.00 |
| AUG 16-22 | 57.00 | 8 | 0.14 | 64 | 1.12 | 0 | 0.00 | 43 | 0.75 | 0 | 0.00 |
| AUG 23-29 | 69.00 | 14 | 0.20 | 59 | 0.86 | 0 | 0.00 | 37 | 0.54 | 0 | 0.00 |
| AUG 30-SEPT 5 | 12.50 | 17 | 1.36 | 4 | 0.32 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 6-12 | 61.00 | 10 | 0.16 | 47 | 0.77 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 13-19 | 59.00 | 2 | 0.03 | 45 | 0.76 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 20-26 | 89.00 | 15 | 0.17 | 123 | 1.38 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 27-OCT 3 | 57.00 | 10 | 0.18 | 77 | 1.35 | 0 | 0.00 | 0 | 0.00 | 1 | 0.02 |
| TOTAL | 1053.00 | 369 | | 1949 | | 3 | | 104 | | 1 | |

| AREA 18 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 42.00 | 56 | 1.33 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 5-11 | 17.00 | 8 | 0.47 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 12-18 | 13.00 | 9 | 0.69 | 1 | 0.08 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| AUG 2- 8 | 123.50 | 16 | 0.13 | 78 | 0.63 | 263 | 2.13 | 128 | 1.04 | 0 | 0.00 |
| AUG 9-15 | 175.50 | 3 | 0.02 | 4 | 0.02 | 812 | 4.63 | 233 | 1.33 | 0 | 0.00 |
| AUG 16-22 | 52.00 | 16 | 0.31 | 4 | 0.08 | 137 | 2.63 | 124 | 2.38 | 0 | 0.00 |
| AUG 23-29 | 58.00 | 19 | 0.33 | 4 | 0.07 | 18 | 0.31 | 95 | 1.64 | 0 | 0.00 |
| AUG 30-SEPT 5 | 157.50 | 5 | 0.03 | 25 | 0.16 | 119 | 0.76 | 665 | 4.22 | 0 | 0.00 |
| SEPT 6-12 | 32.00 | 27 | 0.84 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 13-19 | 16.50 | 9 | 0.55 | 2 | 0.12 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 20-26 | 17.00 | 6 | 0.35 | 2 | 0.12 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 27-OCT 3 | 11.00 | 3 | 0.27 | 3 | 0.27 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| TOTAL | 715.00 | 177 | | 123 | | 1349 | | 1245 | | 0 | |

Table 1 (cont'd) 1987 West Coast Troll Log Program. Summary of Catch Per Unit Effort by Week in Areas 13-19 & 29.

| AREA 29 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 42.00 | 101 | 2.40 | 12 | 0.29 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 5-11 | 60.00 | 108 | 1.80 | 11 | 0.18 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 12-18 | 47.00 | 55 | 1.17 | 15 | 0.32 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 19-25 | 54.00 | 41 | 0.76 | 111 | 2.06 | 0 | 0.00 | 1 | 0.02 | 0 | 0.00 |
| JULY 26-AUG 1 | 134.00 | 140 | 1.04 | 416 | 3.10 | 6 | 0.04 | 22 | 0.16 | 0 | 0.00 |
| AUG 2- 8 | 247.50 | 7 | 0.03 | 94 | 0.38 | 2620 | 10.59 | 136 | 0.55 | 0 | 0.00 |
| AUG 9-15 | 139.00 | 15 | 0.11 | 214 | 1.54 | 173 | 1.24 | 166 | 1.19 | 0 | 0.00 |
| AUG 16-22 | 104.00 | 41 | 0.39 | 141 | 1.36 | 0 | 0.00 | 17 | 0.16 | 0 | 0.00 |
| AUG 23-29 | 77.00 | 17 | 0.22 | 63 | 0.82 | 0 | 0.00 | 31 | 0.40 | 0 | 0.00 |
| AUG 30-SEPT 5 | 52.00 | 11 | 0.21 | 28 | 0.54 | 2 | 0.04 | 19 | 0.37 | 0 | 0.00 |
| SEPT 6-12 | 53.00 | 15 | 0.28 | 25 | 0.47 | 0 | 0.00 | 4 | 0.08 | 0 | 0.00 |
| SEPT 13-19 | 14.00 | 16 | 1.14 | 9 | 0.64 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 27-OCT 3 | 8.00 | 2 | 0.25 | 1 | 0.13 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| TOTAL | 1031.50 | 569 | | 1140 | | 2801 | | 396 | | 0 | |
| GRAND TOTAL | 12381.50 | 4994 | | 35055 | | 10445 | | 14428 | | 10 | |

Table 2. 1987 West Coast Troll Log Program. Summary of Catch Per Unit Effort by Week and Combined Areas.

GENERAL AREA : North Coast

| AREA 1-5 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 1512.00 | 1176 | 0.78 | 7107 | 4.70 | 334 | 0.22 | 9140 | 6.04 | 72 | 0.05 |
| JULY 5-11 | 2871.50 | 1327 | 0.46 | 7268 | 2.53 | 965 | 0.34 | 36723 | 12.79 | 405 | 0.14 |
| JULY 12-18 | 2337.00 | 673 | 0.29 | 5244 | 2.24 | 618 | 0.26 | 29891 | 12.79 | 448 | 0.19 |
| JULY 19-25 | 2659.50 | 1227 | 0.46 | 8683 | 3.26 | 572 | 0.22 | 30864 | 11.61 | 1200 | 0.45 |
| JULY 26-AUG 1 | 2705.00 | 1633 | 0.60 | 5159 | 1.91 | 1215 | 0.45 | 33462 | 12.37 | 425 | 0.16 |
| AUG 2- 8 | 2146.00 | 1342 | 0.63 | 2301 | 1.07 | 2023 | 0.94 | 24267 | 11.31 | 887 | 0.41 |
| AUG 9-15 | 1580.00 | 1517 | 0.96 | 2197 | 1.39 | 475 | 0.30 | 5211 | 3.30 | 542 | 0.34 |
| AUG 16-22 | 1727.50 | 1747 | 1.01 | 2482 | 1.44 | 391 | 0.23 | 7456 | 4.32 | 308 | 0.18 |
| AUG 23-29 | 1207.50 | 504 | 0.42 | 2139 | 1.77 | 44 | 0.04 | 3880 | 3.21 | 171 | 0.14 |
| AUG 30-SEPT 5 | 293.00 | 9 | 0.03 | 486 | 1.66 | 0 | 0.00 | 378 | 1.29 | 46 | 0.16 |
| SEPT 6-12 | 117.00 | 0 | 0.00 | 241 | 2.06 | 0 | 0.00 | 68 | 0.58 | 11 | 0.09 |
| TOTAL | 19156.00 | 11155 | | 43307 | | 6637 | | 181340 | | 4515 | |

GENERAL AREA : Central Coast

| AREA 6-12 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 959.50 | 1491 | 1.55 | 2925 | 3.05 | 1 | 0.00 | 85 | 0.09 | 17 | 0.02 |
| JULY 5-11 | 1112.00 | 1109 | 1.00 | 2676 | 2.41 | 5 | 0.00 | 188 | 0.17 | 27 | 0.02 |
| JULY 12-18 | 870.50 | 1043 | 1.20 | 1385 | 1.59 | 16 | 0.02 | 255 | 0.29 | 93 | 0.11 |
| JULY 19-25 | 1111.50 | 1168 | 1.05 | 3675 | 3.31 | 545 | 0.49 | 562 | 0.51 | 100 | 0.09 |
| JULY 26-AUG 1 | 1038.00 | 649 | 0.63 | 2211 | 2.13 | 1446 | 1.39 | 961 | 0.93 | 32 | 0.03 |
| AUG 2- 8 | 466.00 | 310 | 0.67 | 904 | 1.94 | 237 | 0.51 | 363 | 0.78 | 13 | 0.03 |
| AUG 9-15 | 737.50 | 172 | 0.23 | 626 | 0.85 | 1391 | 1.89 | 3582 | 4.86 | 89 | 0.12 |
| AUG 16-22 | 920.00 | 322 | 0.35 | 1674 | 1.82 | 174 | 0.19 | 1958 | 2.13 | 32 | 0.03 |
| AUG 23-29 | 297.00 | 102 | 0.34 | 445 | 1.50 | 0 | 0.00 | 104 | 0.35 | 3 | 0.01 |
| AUG 30-SEPT 5 | 70.50 | 0 | 0.00 | 30 | 0.43 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 6-12 | 8.00 | 0 | 0.00 | 1 | 0.13 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| TOTAL | 7590.50 | 6366 | | 16552 | | 3815 | | 8058 | | 406 | |

Table 2 (cont'd) 1987 West Coast Troll Log Program. Summary of Catch Per Unit Effort by Week and Combined Areas.

GENERAL AREA : Southwest Vancouver Island

| AREA 21-24 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 1343.50 | 5939 | 4.42 | 16135 | 12.01 | 2 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 5-11 | 1782.00 | 3236 | 1.82 | 10997 | 6.17 | 1 | 0.00 | 4 | 0.00 | 1 | 0.00 |
| JULY 12-18 | 905.00 | 1169 | 1.29 | 4744 | 5.24 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 19-25 | 1164.50 | 1554 | 1.33 | 6544 | 5.62 | 0 | 0.00 | 0 | 0.00 | 1 | 0.00 |
| JULY 26-AUG 1 | 1112.00 | 1077 | 0.97 | 7716 | 6.94 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| AUG 2- 8 | 1136.50 | 634 | 0.56 | 7311 | 6.43 | 2252 | 1.98 | 2206 | 1.94 | 1 | 0.00 |
| AUG 9-15 | 1531.50 | 1021 | 0.67 | 12326 | 8.05 | 7727 | 5.05 | 5409 | 3.53 | 3 | 0.00 |
| AUG 16-22 | 1532.50 | 90 | 0.06 | 19420 | 12.67 | 495 | 0.32 | 4934 | 3.22 | 1 | 0.00 |
| AUG 23-29 | 185.00 | 0 | 0.00 | 1010 | 5.46 | 0 | 0.00 | 324 | 1.75 | 0 | 0.00 |
| TOTAL | 10692.50 | 14720 | | 86203 | | 10477 | | 12877 | | 7 | |

GENERAL AREA : Northwest Vancouver Island

| AREA 25-27 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 487.50 | 1128 | 2.31 | 2833 | 5.81 | 0 | 0.00 | 0 | 0.00 | 33 | 0.07 |
| JULY 5-11 | 947.00 | 1451 | 1.53 | 3569 | 3.77 | 0 | 0.00 | 0 | 0.00 | 23 | 0.02 |
| JULY 12-18 | 1012.00 | 1135 | 1.12 | 4732 | 4.68 | 9 | 0.01 | 46 | 0.05 | 81 | 0.08 |
| JULY 19-25 | 1478.50 | 1480 | 1.00 | 6994 | 4.73 | 37 | 0.03 | 150 | 0.10 | 65 | 0.04 |
| JULY 26-AUG 1 | 1309.50 | 1054 | 0.80 | 4348 | 3.32 | 0 | 0.00 | 0 | 0.00 | 51 | 0.04 |
| AUG 2- 8 | 891.00 | 690 | 0.77 | 1937 | 2.17 | 454 | 0.51 | 724 | 0.81 | 34 | 0.04 |
| AUG 9-15 | 1718.00 | 877 | 0.51 | 1585 | 0.92 | 9704 | 5.65 | 11068 | 6.44 | 91 | 0.05 |
| AUG 16-22 | 502.50 | 162 | 0.32 | 894 | 1.78 | 375 | 0.75 | 5246 | 10.44 | 82 | 0.16 |
| AUG 23-29 | 44.00 | 0 | 0.00 | 21 | 0.48 | 0 | 0.00 | 429 | 9.75 | 5 | 0.11 |
| TOTAL | 8390.00 | 7977 | | 26913 | | 10579 | | 17663 | | 465 | |

Table 2 (cont'd) 1987 West Coast Troll Log Program. Summary of Catch Per Unit Effort by Week and Combined Areas.

GENERAL AREA : North Strait of Georgia

| AREA 13-16 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 794.50 | 1114 | 1.40 | 5516 | 6.94 | 0 | 0.00 | 41 | 0.05 | 0 | 0.00 |
| JULY 5-11 | 1116.50 | 701 | 0.62 | 6724 | 5.98 | 16 | 0.01 | 118 | 0.10 | 0 | 0.00 |
| JULY 12-18 | 858.00 | 393 | 0.46 | 5086 | 5.93 | 1 | 0.00 | 49 | 0.06 | 0 | 0.00 |
| JULY 19-25 | 935.50 | 280 | 0.30 | 4419 | 4.72 | 0 | 0.00 | 102 | 0.11 | 0 | 0.00 |
| JULY 26-AUG 1 | 608.00 | 174 | 0.29 | 1958 | 3.22 | 233 | 0.38 | 69 | 0.11 | 0 | 0.00 |
| AUG 2- 8 | 716.50 | 117 | 0.16 | 730 | 1.02 | 3792 | 5.29 | 1130 | 1.58 | 1 | 0.00 |
| AUG 9-15 | 646.00 | 210 | 0.33 | 781 | 1.21 | 1544 | 2.39 | 2359 | 3.65 | 2 | 0.00 |
| AUG 16-22 | 753.00 | 245 | 0.33 | 1796 | 2.39 | 23 | 0.03 | 1721 | 2.29 | 0 | 0.00 |
| AUG 23-29 | 716.00 | 100 | 0.14 | 1258 | 1.76 | 165 | 0.23 | 3316 | 4.63 | 1 | 0.00 |
| AUG 30-SEPT 5 | 705.00 | 91 | 0.13 | 1102 | 1.56 | 517 | 0.73 | 3778 | 5.36 | 0 | 0.00 |
| SEPT 6-12 | 604.50 | 144 | 0.24 | 997 | 1.65 | 1 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 13-19 | 401.00 | 167 | 0.42 | 522 | 1.30 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 20-26 | 488.50 | 103 | 0.21 | 644 | 1.32 | 0 | 0.00 | 0 | 0.00 | 5 | 0.01 |
| SEPT 27-OCT 3 | 239.00 | 40 | 0.17 | 310 | 1.30 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| TOTAL | 9582.00 | 3879 | | 31843 | | 6292 | | 12683 | | 9 | |

Table 2 (cont'd) 1987 West Coast Troll Log Program. Summary of Catch Per Unit Effort by Week and Combined Areas.

GENERAL AREA : South Strait of Georgia

| AREA 17-29 | HOURS FISHED | CHINOOK KEPT | | COHO KEPT | | SOCKEYE KEPT | | PINK KEPT | | CHUM KEPT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR | NO. | PER HOUR |
| JUNE 28-JULY 4 | 142.00 | 170 | 1.20 | 156 | 1.10 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 5-11 | 229.50 | 187 | 0.81 | 601 | 2.62 | 0 | 0.00 | 1 | 0.00 | 0 | 0.00 |
| JULY 12-18 | 157.00 | 119 | 0.76 | 187 | 1.19 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| JULY 19-25 | 223.00 | 111 | 0.50 | 387 | 1.74 | 0 | 0.00 | 4 | 0.02 | 0 | 0.00 |
| JULY 26-AUG 1 | 302.00 | 224 | 0.74 | 760 | 2.52 | 6 | 0.02 | 37 | 0.12 | 0 | 0.00 |
| AUG 2- 8 | 373.00 | 23 | 0.06 | 175 | 0.47 | 2884 | 7.73 | 264 | 0.71 | 0 | 0.00 |
| AUG 9-15 | 316.50 | 18 | 0.06 | 220 | 0.70 | 987 | 3.12 | 404 | 1.28 | 0 | 0.00 |
| AUG 16-22 | 213.00 | 65 | 0.31 | 209 | 0.98 | 137 | 0.64 | 184 | 0.86 | 0 | 0.00 |
| AUG 23-29 | 204.00 | 50 | 0.25 | 126 | 0.62 | 18 | 0.09 | 163 | 0.80 | 0 | 0.00 |
| AUG 30-SEPT 5 | 222.00 | 33 | 0.15 | 57 | 0.26 | 121 | 0.55 | 684 | 3.08 | 0 | 0.00 |
| SEPT 6-12 | 146.00 | 52 | 0.36 | 72 | 0.49 | 0 | 0.00 | 4 | 0.03 | 0 | 0.00 |
| SEPT 13-19 | 89.50 | 27 | 0.30 | 56 | 0.63 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 20-26 | 106.00 | 21 | 0.20 | 125 | 1.18 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| SEPT 27-OCT 3 | 76.00 | 15 | 0.20 | 81 | 1.07 | 0 | 0.00 | 0 | 0.00 | 1 | 0.01 |
| TOTAL | 2799.50 | 1115 | | 3212 | | 4153 | | 1745 | | 1 | |

Table 3. 1987 West Coast Troll Log Program. Average and Maximum Hours Fished and Catch per Vessel for Years 1984-1987.

"Outside" (Statistical Areas 1-12, 21-27)

| Year | Number Vessels | Hours Fished | | Chinook | | Coho | | Sockeye | | Pink | | Chum | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Average | Maximum | Average | Maximum | Average | Maximum | Average | Maximum | Average | Maximum | Average | Maximum |
| 1984 | 69 | 931.0 | 1523.5 | 646 | 1849 | 2258 | 10072 | 37 | 187 | 1334 | 16745 | 95 | 1133 |
| 1985 | 82 | 848.0 | 1389.0 | 465 | 1457 | 1661 | 4805 | 728 | 2714 | 3032 | 12214 | 462 | 1706 |
| 1986 | 79 | 685.0 | 925.5 | 354 | 1392 | 3550 | 10426 | 1433 | 3221 | 1117 | 21117 | 506 | 2088 |
| 1987 | 86 | 533.0 | 797.0 | 468 | 1212 | 2011 | 8463 | 366 | 1438 | 2557 | 17096 | 63 | 528 |

"Inside" (Statistical Areas 13-19 & 29)

| Year | Number Vessels | Hours Fished | | Chinook | | Coho | | Sockeye | | Pink | | Chum | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Average | Maximum | Average | Maximum | Average | Maximum | Average | Maximum | Average | Maximum | Average | Maximum |
| 1985 | 21 | 369.0 | 658.5 | 426 | 1603 | 1107 | 4242 | 244 | 910 | 426 | 1523 | 2 | 10 |
| 1986 | 18 | 515.0 | 852.5 | 275 | 844 | 1473 | 5411 | 730 | 2534 | <1 | 6 | <1 | 4 |
| 1987 | 25 | 538.0 | 815.0 | 217 | 722 | 1524 | 3895 | 418 | 1214 | 627 | 3703 | <1 | 10 |

Table 4. 1987 West Coast Troll Log Program. Average Catch Per Unit Effort for Chinook and Coho in Combined Statistical Areas for Years 1984-1987.

| Grouped Area | Chinook | | | | Coho | | | |
|---|---|---|---|---|---|---|---|---|
| | 1984 | 1985 | 1986 | 1987 | 1984 | 1985 | 1986 | 1987 |
| "Outside" | | | | | | | | |
| 1 - 5 | 0.62 | 0.64 | 0.58 | 0.59 | 1.52 | 1.64 | 4.91 | 2.26 |
| 6 - 12 | 0.62 | 0.31 | 0.32 | 0.85 | 2.44 | 1.71 | 6.17 | 2.18 |
| 21 - 24 | 0.91 | 0.78 | 0.98 | 1.63 | 6.33 | 3.48 | 8.61 | 8.06 |
| 25 - 27 | 0.60 | 0.29 | 0.21 | 1.00 | 4.00 | 2.18 | 2.05 | 3.21 |
| "Inside" | | | | | | | | |
| 13 - 16 | No | 1.46 | 0.59 | 0.40 | No | 3.72 | 3.63 | 3.32 |
| 17 - 19 & 29 | Program | 0.21 | 0.59 | 0.40 | Program | 0.80 | 0.68 | 1.15 |

Table 5. 1987 West Coast Troll Log Program. Average Catch and Effort (hours fished) per Vessel by "Outside" Trollers (Areas 1-12, 21-27) for Years 1984-1987.

| | Year | | | |
|---|---|---|---|---|
| | 1984 | 1985 | 1986 | 1987 |
| Number of Boats: | 69 | 82 | 79 | 86 |
| Total hours fished: | 64246.0 | 69572.0 | 54099.0 | 45829.0 |
| Average hours per vessel: | 931 | 848 | 685 | 533 |
| Total days logged: | 5081 | 5537 | 4220 | 3675 |
| Average log days per vessel: | 74 | 68 | 53 | 43 |
| Average hours fished per log day: | 12.6 | 12.6 | 12.8 | 12.5 |
| Chinook | | | | |
| Kept: | 44579 | 38122 | 28004 | 40218 |
| Per boat: | 646 | 465 | 354 | 468 |
| Per log day: | 8.8 | 6.9 | 6.6 | 10.9 |
| Per hour: | 0.69 | 0.55 | 0.52 | 0.88 |
| Coho | | | | |
| Kept: | 155777 | 136172 | 280463 | 172975 |
| Per vessel: | 2258 | 1661 | 3550 | 2011 |
| Per log day: | 30.7 | 24.6 | 66.5 | 47.1 |
| Per hour: | 2.42 | 1.96 | 5.18 | 3.77 |
| Sockeye | | | | |
| Kept: | 2581 | 59707 | 113175 | 31508 |
| Per vessel: | 37 | 728 | 1433 | 366 |
| Per log day: | 0.5 | 10.8 | 26.8 | 8.6 |
| Per hour: | 0.04 | 0.86 | 2.09 | 0.69 |
| Pink | | | | |
| Kept: | 92040 | 248621 | 88276 | 219938 |
| Per vessel: | 1334 | 3032 | 1117 | 2557 |
| Per log day: | 18.1 | 44.9 | 20.9 | 59.8 |
| Per hour: | 1.43 | 3.57 | 1.63 | 4.80 |
| Chum | | | | |
| Kept: | 6562 | 37879 | 39947 | 5393 |
| Per vessel: | 95 | 462 | 506 | 63 |
| Per log day: | 1.3 | 6.8 | 9.5 | 1.5 |
| Per hour: | 0.10 | 0.54 | 0.94 | 0.12 |

Table 6. 1987 West Coast Troll Log Program. Average Catch and Effort (hours fished) per Vessel by "Inside" trollers (Areas 13-19 & 29) for years 1985-1987.

| | Year | | |
|---|---|---|---|
| | 1985 | 1986 | 1987 |
| Number of Boats: | 21 | 18 | *23 |
| Total hours fished: | 7758.0 | 9278.0 | 12381.5 |
| Average hours per vessel: | 369 | 515 | 538 |
| Total days logged: | 771 | 961 | 1398 |
| Average log days per vessel: | 37 | 53 | 61 |
| Average hours fished per log day: | 10.1 | 9.7 | 8.9 |
| Chinook | | | |
| Kept: | 8939 | 4943 | 4994 |
| Per vessel: | 426 | 275 | 217 |
| Per log day: | 11.6 | 5.1 | 3.6 |
| Per hour: | 1.15 | 0.53 | 0.40 |
| Coho | | | |
| Kept: | 23240 | 26513 | 35055 |
| Per vessel: | 1107 | 1473 | 1524 |
| Per log day: | 30.1 | 27.6 | 25.1 |
| Per hour: | 3.00 | 2.86 | 2.83 |
| Sockeye | | | |
| Kept: | 5125 | 13131 | 10445 |
| Per vessel: | 244 | 730 | 454 |
| Per log day: | 6.6 | 13.7 | 7.5 |
| Per hour: | 0.66 | 2.86 | 0.84 |
| Pink | | | |
| Kept: | 8951 | 16 | 14428 |
| Per vessel: | 426 | <1 | 627 |
| Per log day: | 11.6 | - | 10.3 |
| Per hour: | 1.15 | - | 1.17 |
| Chum | | | |
| Kept: | 35 | 10 | 10 |
| Per vessel: | 2 | <1 | <1 |
| Per log day: | 0.05 | - | - |
| Per hour: | <0.01 | - | - |

Table 7. 1987 West Coast Troll Log Program. Effort (hours fished) in Individual Areas expressed as a Percentage of Total Effort by Troll Log Fishermen in Combined Areas.

| Statistical Area | Year | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1984 | | 1985 | | 1986 | | 1987 | |
| | Hours | Percent | Hours | Percent | Hours | Percent | Hours | Percent |
| 1 | 17983.0 | 79.2 | 17832.0 | 67.1 | 12895.0 | 71.4 | 11513.5 | 60.1 |
| 2E | 1324.0 | 5.8 | 1635.0 | 6.1 | 2773.0 | 15.3 | 3137.5 | 16.4 |
| 2W | 3162.5 | 13.9 | 6241.0 | 23.5 | 1116.0 | 6.2 | 3099.5 | 16.2 |
| 3 | 5.5 | 0.1 | 134.5 | 0.5 | 290.5 | 1.6 | 677.0 | 3.5 |
| 4 | 166.0 | 0.7 | 425.5 | 1.6 | 198.5 | 1.1 | 558.5 | 2.9 |
| 5 | 76.5 | 0.3 | 321.5 | 1.2 | 792.5 | 4.4 | 170.0 | 0.9 |
| 1 - 5 | 22711.5 | 100.0 | 26589.5 | 100.0 | 18065.5 | 100.0 | 19156.0 | 100.0 |
| 6 | 617.5 | 5.0 | 833.5 | 7.7 | 848.0 | 8.4 | 1255.0 | 16.5 |
| 7 | 4525.0 | 36.6 | 2447.5 | 22.7 | 1206.5 | 11.9 | 817.0 | 10.8 |
| 8 | 1097.0 | 8.9 | 503.5 | 4.7 | 138.5 | 1.4 | 93.5 | 1.2 |
| 9 | 467.0 | 3.8 | 76.0 | 0.7 | 360.5 | 3.6 | 67.0 | 0.9 |
| 10 | 1507.0 | 12.2 | 1173.0 | 10.9 | 1319.5 | 13.0 | 420.0 | 5.5 |
| 11 | 4120.5 | 33.3 | 5444.5 | 50.6 | 6195.5 | 61.2 | 4756.0 | 62.7 |
| 12 | 29.0 | 0.2 | 293.5 | 2.7 | 51.0 | 0.5 | 182.0 | 2.4 |
| 6 - 12 | 12363.0 | 100.0 | 10771.5 | 100.0 | 10119.5 | 100.0 | 7590.5 | 100.0 |
| 21 | 2838.0 | 16.7 | 3731.0 | 21.4 | 1057.5 | 9.1 | 668.0 | 6.3 |
| 23 | 10169.5 | 59.8 | 9195.5 | 52.8 | 6450.5 | 55.5 | 4324.0 | 40.4 |
| 24 | 4000.5 | 23.5 | 4487.5 | 25.8 | 4123.0 | 35.4 | 5700.5 | 53.3 |
| 21 - 24 | 17008.0 | 100.0 | 17414.0 | 100.0 | 11631.0 | 100.0 | 10692.5 | 100.0 |
| 25 | 2246.0 | 18.5 | 5235.5 | 35.4 | 4432.5 | 31.0 | 2163.5 | 25.8 |
| 26 | 2944.5 | 24.2 | 3260.5 | 22.0 | 2596.5 | 18.2 | 1361.0 | 16.2 |
| 27 | 6959.0 | 57.3 | 6301.0 | 42.6 | 7254.5 | 50.8 | 4865.5 | 58.0 |
| 25 - 27 | 12149.5 | 100.0 | 14797.0 | 100.0 | 14283.5 | 100.0 | 8390.0 | 100.0 |
| 13 | | | 995.0 | 17.1 | 152.0 | 2.2 | 946.0 | 9.9 |
| 14 | No Program | | 3279.0 | 56.3 | 4910.0 | 71.6 | 6400.0 | 66.8 |
| 15 | in 1984 | | 1010.5 | 17.4 | 1311.5 | 19.1 | 961.0 | 10.0 |
| 16 | | | 539.0 | 9.2 | 484.0 | 7.1 | 1275.0 | 13.3 |
| 13 - 16 | | | 5823.5 | 100.0 | 6857.5 | 100.0 | 9582.0 | 100.0 |
| 17 | | | 280.0 | 14.5 | 615.0 | 25.4 | 1053.0 | 37.6 |
| 18 | No Program | | 176.0 | 9.1 | 350.5 | 14.5 | 715.0 | 25.5 |
| 19 | in 1984 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 29 | | | 1478.5 | 76.4 | 1455.0 | 60.1 | 1031.5 | 36.9 |
| 17 - 19 & 29 | | | 1934.5 | 100.0 | 2420.5 | 100.0 | 2799.5 | 100.0 |

Table 8. 1987 West Coast Troll Log Program. Catch by Troll Log Fishermen expressed as a Percentage of Total B.C. Troll Catch in Combined Areas.

| Grouped Area | % Chinook | % Coho | % Sockeye | % Pink | % Chum |
|---|---|---|---|---|---|
| "Outside" | | | | | |
| 1 - 5 | 6.14 | 6.98 | 4.96 | 7.25 | 7.56 |
| 6 - 12 | 11.16 | 7.47 | 12.58 | 6.66 | 5.69 |
| 21 - 24 | 5.59 | 6.61 | 3.51 | 6.63 | 0.24 |
| 25 - 27 | 7.04 | 5.23 | 6.30 | 7.67 | 3.78 |
| "Inside" | | | | | |
| 13 - 16 | 11.39 | 16.07 | 10.21 | 10.14 | 1.69 |
| 17 - 19 & 29 | 27.84 | 19.08 | 12.52 | 8.53 | 0.00 |

**DEPARTMENT OF FISHERIES & OCEANS**
**PACIFIC BIOLOGICAL STATION**
**NANAIMO, BRITISH COLUMBIA**

## TROLL LOG

№ 27940

VESSEL: NORTHERN HAWK CFV NO. 12345

DATE: JULY 20 1987 NO. HOURS FISHED: 15
(LINES IN THE WATER)

LOCATION FISHED: NOOTKA SOUND

(GIVE 1 MAP LOCATION OR 1 LORAN POSITION (2 COORDINATES) FOR LOCATION FISHED MOST OF DAY)

**NO. FISH KEPT:**

| CHINOOK | COHO | SOCKEYE | PINK | CHUM | STEELHEAD | | |
|---|---|---|---|---|---|---|---|
| 35 | 183 | — | — | — | — | | |

**ADIPOSE CLIPPED FISH:** FISH COLOUR FOR CHINOOK R = RED W = WHITE

| SPECIES | FORK LENGTH CM. | STRAP TAG NO. | R OR W |
|---|---|---|---|
| | | | |
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| SPECIES | FORK LENGTH CM. | STRAP TAG NO. | R OR W |
|---|---|---|---|
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**REMARKS:**

*Tagged Salmon Heads Left At:*

Fig. 1. 1987 West Coast Troll Log Program. Example of daily log sheet.

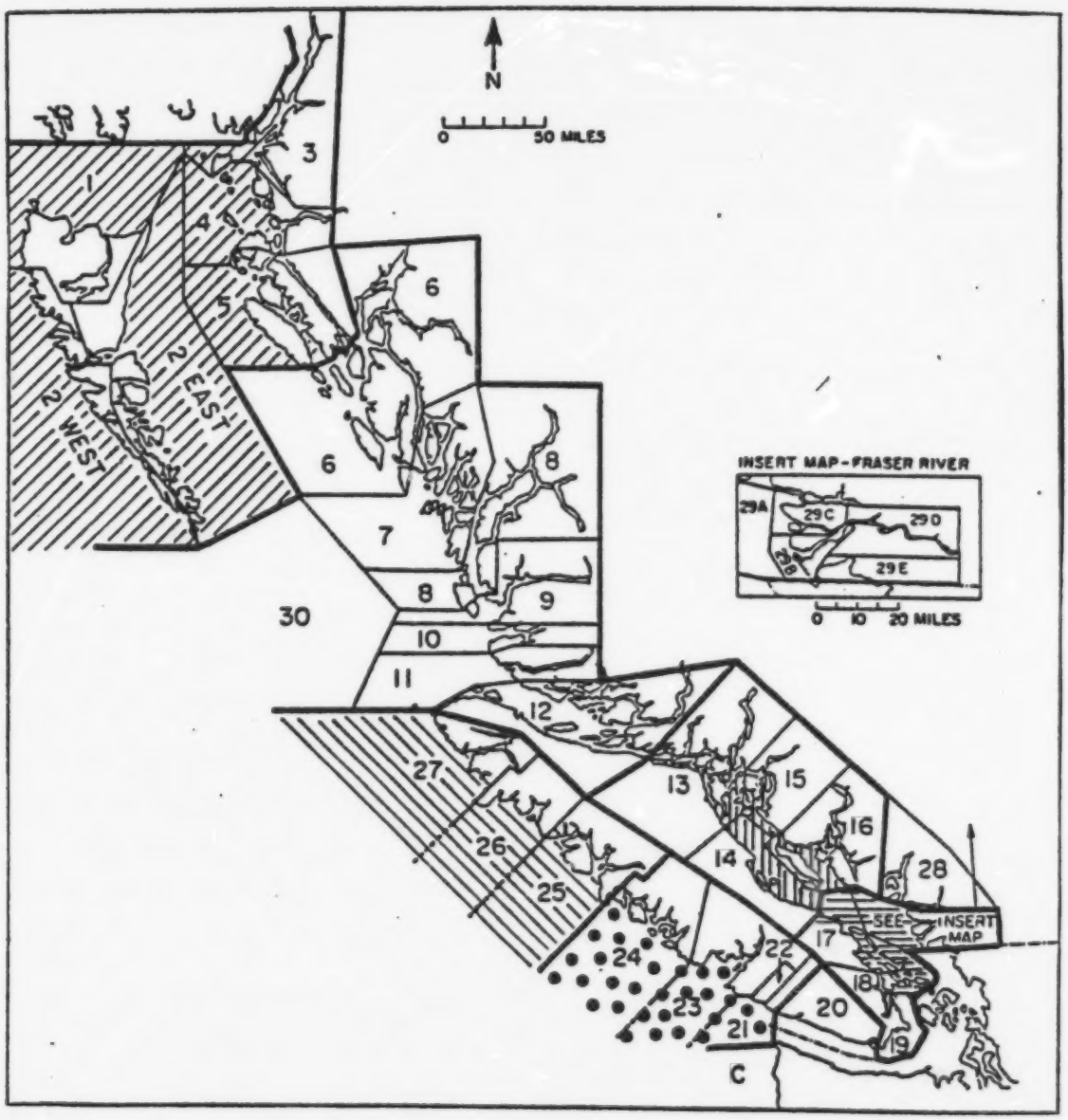


Fig. 2. 1987 West Coast Troll Log Program. Map of statistical areas of British Columbia indicating combined areas.

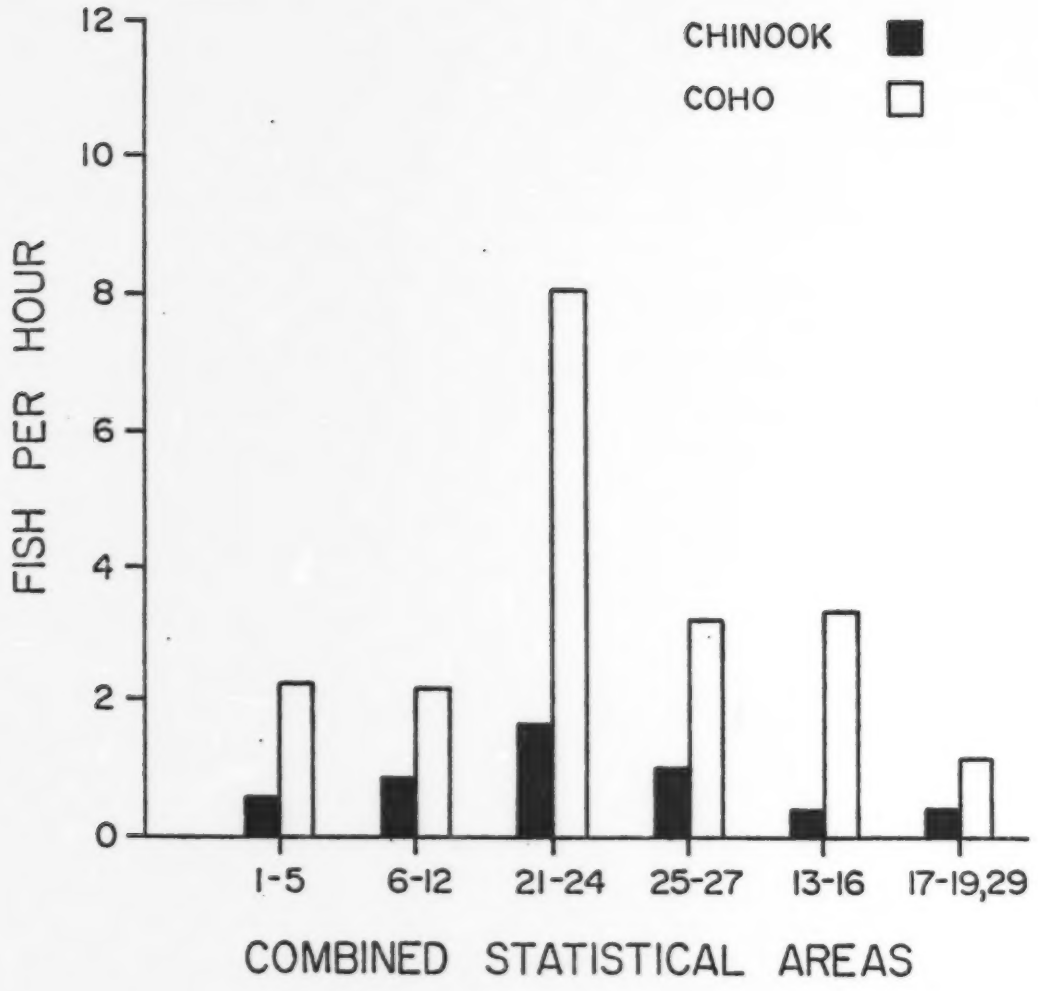


Fig. 3. 1987 West Coast Troll Log Program. Catch Per Unit Effort of Chinook and Coho by troll log fishermen in combined areas.

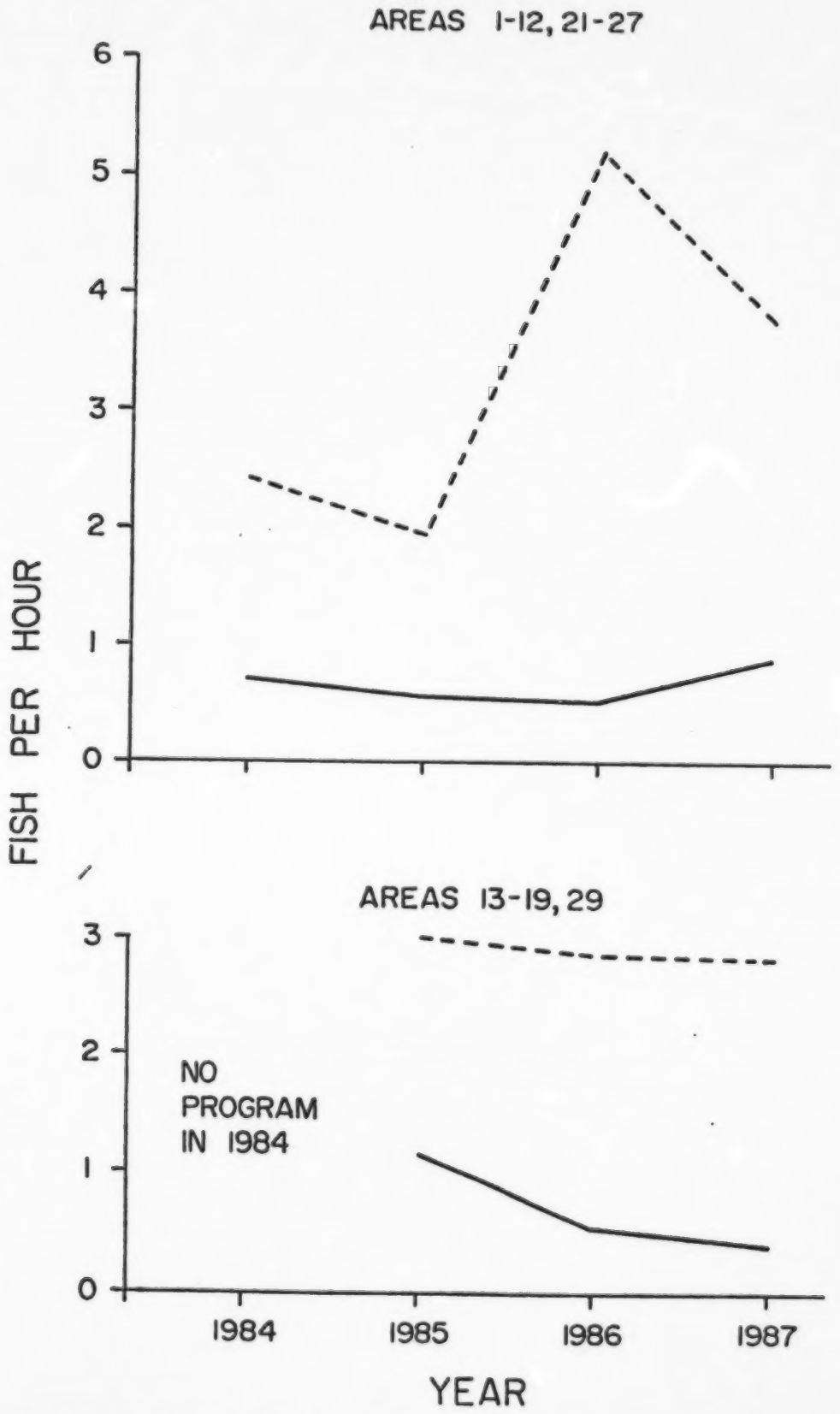


Fig. 4. 1987 West Coast Troll Log Program. Comparison of Catch Per Unit Effort by troll log fishermen in years 1984-1987, for all species.